

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION

5   Entitled :   An electromechanical turbojet thrust reverser  
              with continuous position control

Inventors : COLOTTE Baptiste et al.

10   Assignee : HISPANO-SUIZA

ABSTRACT OF THE DISCLOSURE

15           A turbojet thrust reverser comprises two doors each  
            controlled by a respective electronic control unit, and  
            at least one sensor per door measuring at least one item  
            of position data concerning said door, said at least one  
20   sensor of each door being connected to said electronic  
            control unit controlling that door, said electronic  
            control units being connected to each other in order to  
            exchange said position data, and a FADEC having two  
            channels each connected to both electronic control units  
25   in order to receive from each of said electronic control  
            units data concerning the positions of each of said doors  
            and data concerning the operating state of each of said  
            electronic control units, said channels being connected  
            to each other in order to exchange said door position  
30   data and said electronic control unit state data so that  
            the airplane pilot is continuously informed about the  
            positions of said doors and the states of said electronic  
            units, even in the event of a breakdown in one of said  
            electronic units and in one of the FADEC channels.